

Title (en)

Space-based network architectures for satellite radiotelephone systems

Title (de)

Raumbasierte Netzwerkarchitekturen für Satelliten-Funktelefonsysteme

Title (fr)

Architectures de réseau à base d'espace pour systèmes radiotéléphoniques par satellite

Publication

EP 1978650 B1 20101006 (EN)

Application

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Priority

- EP 02763512 A 20020823
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- US 7409702 A 20020212
- US 39277102 P 20020701

Abstract (en)

[origin: EP1978650A2] A space-based network for a satellite radiotelephone system includes at least one receive-only satellite and at least one transmit satellite. The transmit satellite can be a transmit-only satellite or a transmit and receive satellite. The receive-only satellite(s) are configured to receive wireless communications from a radiotelephone at a location over a satellite frequency band. The transmit satellite(s) are configured to transmit wireless communications to the radiotelephone at the location over the satellite frequency band. By providing at least one receive-only satellite and at least one transmit satellite, space-based networks can offer a significant link margin, without the need to undesirably burden the radiotelephones themselves to achieve this link margin.

IPC 8 full level

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CPC (source: EP US)

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